

## EAST SEARCH

2/10/06

L#	Hits	Search String	Databases
S1	4602	((integrated or digital) near/2 circuit\$1) or "logical unit" with simulat\$3	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S2	25	S1 and (simulat\$3 with thread\$1)	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S3	39	S1 and (execut\$3 with thread\$1)	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S4	32	logical unit with simulat\$3	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S5	4	S1 and (thread\$1 with manager\$1)	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S6	17	S1 and (resource\$1 with concurrent\$2 or concurrent\$2) with thread\$1)	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S7	14	S1 and ((sequential\$2 or concurrent\$2) with thread\$1)	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S8	82	S1 and (allocat\$3 with resource\$1)	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S9	6	S1 and (allocate\$3 with rule\$1)	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S10	15	S1 and (resource\$1 with hierarchy\$4)	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S11	34	S1 and (monito\$3 with request\$1)	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S12	3	S1 and (request\$1 with deadlock\$1)	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S13	1	S1 and (monito\$3 with (read or write) with request\$1)	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S14	136	S1 and (monito\$3 with (read or write))	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S15	104	S1 and ((read or write) with request\$1)	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S16	47	S14 and S15	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S17	1	S1 and (competition with (read or write))	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S18	0	S1 and (compe\$3 with (read or write))	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S19	26	S1 and (resource\$3 with request\$1)	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S20	82	S1 and (number with request\$1)	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S21	52	S1 and (block\$3 with request\$1)	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S22	301	S1 and (time with (occupancy or use or utilization))	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S23	220	S1 and (time with resource)	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S24	41	S22 and S23	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S25	3	S1 and (thread\$1 with "execution time")	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S26	5	S1 and (limit\$1 with "execution time")	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S27	324	S1 and (compar\$4 with result\$1 with simulat\$3)	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S28	215	S1 and (compar\$4 with result\$1 with output\$3)	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S29	102	S27 and S28	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S30	27	S1 and (thread\$1 with control\$3)	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S31	234	S4 or (S2 or S3 or S5 or S6 or S7 or S9 or S10 or S11 or S12 or S16 or S17 or S19 or S21 or US-PGPUB, USPAT, EPO, JPO, DERVENT; IBM_TDB	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S32	249	S8 or S20 or S29	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S33	70	S31 and S32	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S34	234	S31 or S33	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S35	4602	((integrated or digital) near/2 circuit\$1) or "logical unit" with simulat\$3	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB
S36	25	S35 and (simulat\$3 with thread\$1)	US-PGPUB; USPAT; EPO; JPO; DERVENT; IBM_TDB

S37	32	S35 and (execut\$3 with thread\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S38	4	logical unit with simulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S39	82	S35 and (thread\$1 with manager\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S42	6	S35 and (allocat\$3 with resource\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S43	15	S35 and (allocat\$3 with rule\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S44	34	S35 and (resource\$1 with hierarch\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S45	3	S35 and (monitor\$3 with request\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S46	136	S35 and (request\$1 with deadlock\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S47	104	S35 and (monitor\$3 with (read or write))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S48	47	S35 and ((read or write) with request\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S49	47	S47 and S48	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S50	1	S35 and (competition with (read or write))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S51	26	S35 and (resource\$3 with request\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S52	82	S35 and (number with request\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S53	52	S35 and (block\$3 with request\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S54	301	S35 and (time with (occupancy or use or utilization))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S55	220	S35 and (time with resource)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S56	41	S54 and S55	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S59	324	S35 and (compar\$4 with result\$1 with simulat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S60	215	S35 and (compar\$4 with result\$1 with output\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S61	102	S59 and S60	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S62	27	S35 and (threads\$1 with control\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S63	234	S38 or (S36 or S37 or S39 or S40 or S41 or S43 or S44 or S45 or S46 or S49 or S50 or S51)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S64	249	S42 or S52 or S61	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S65	70	S63 and S64	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S41	14	S35 and ((sequential\$2 or concurrent\$2) with thread\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S67	10	S35 and ((sequential\$2 or serial\$2) with thread\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S66	234	S63 or S65	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S40	17	S35 and (resource\$1 with manager\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S68	40	S35 and (arbiters or arbitrators)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S69	24	S68 and (hierarchy\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S70	2	S35 and ((arbitrat\$3 or arbiter\$1) with hierarch\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S71	36	S35 and ((arbitrat\$3 or arbiter\$1) with (plurality or multiple))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S72	22	S66 and bottleneck\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S73	5	S66 and (blocking with (resource\$1 or device\$1 or request\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S57	3	S35 and (thread\$1 with "execution time")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S58	5	S35 and (limit\$1 with "execution time")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S74	5032	((integrated or digital) near2 circuit\$1) or "logical unit" with simulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S75	28	S74 and (simulat\$3 with thread\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S76	47	S74 and (execut\$3 with thread\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S77	33	logical unit with simulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S78	4	S74 and (thread\$1 with manager\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S79	17	S74 and (resource\$1 with manager\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

S80  
 16 S74 and ((sequential\$2 or concurrent\$2) with thread\$1)  
 S81 89 S74 and (allocat\$3 with resource\$1)  
 S82 6 S74 and (allocat\$3 with rule\$1)  
 S83 21 S74 and (resource\$1 with hierarch\$4)  
 S84 38 S74 and (monitor\$3 with request\$1)  
 S85 3 S74 and (request\$1 with deadlock\$1)  
 S86 148 S74 and (monitor\$3 with (read or write))  
 S87 114 S74 and ((read or write) with request\$1)  
 S88 48 S86 and S87  
 S89 1 S74 and (competition with (read or write))  
 S90 31 S74 and (resource\$3 with request\$1)  
 S91 87 S74 and (number with request\$1)  
 S92 58 S74 and (block\$3 with request\$1)  
 S93 316 S74 and (time with (occupancy or use or utilization))  
 S94 241 S74 and (time with resource)  
 S95 43 S93 and S94  
 S96 3 S74 and (thread\$1 with "execution time")  
 S97 5 S74 and (limit\$1 with "execution time")  
 S98 361 S74 and (compar\$4 with result\$1 with simulat\$3)  
 S99 234 S74 and (compar\$4 with result\$1 with output\$3)  
 S100 107 S98 and S99  
 S101 29 S74 and (thread\$1 with control\$3)  
 S102 258 S77 or (S75 or S76 or S78 or S79 or S80 or S84 or S85 or S88 or S89 or S90 or S91 or S100)  
 S103 266 S81 or S91 or S100  
 S104 75 S102 and S103  
 S105 258 S102 or S104  
 S106 3 S105 and ((dynamic\$4 near2 (assign\$4 or allocat\$3)) with (resource\$1 or hardware))  
 S107 863 simulat\$3 with (thread\$1 or "logical unit")  
 S108 86 S107 and ((assign\$4 or allocat\$3) with (resource\$1 or hardware))  
 S109 8 S108 and ((dynamic\$4 near2 (assign\$4 or allocat\$3)) with (resource\$1 or hardware))  
 L1 2 20020124085 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM\_TDB  
 09/964591 Akio Matsuda et al.

## EAST SEARCH

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Results of search set S115	Document Kind	Codes Title	Issue Date	Current OR	Abstract
	US 20050172107 A1	Replay instruction morphing	20050804	712/226	
	US 20050165597 A1	Apparatus and method for performing hardware and software co-verification testing	20050728	703/27	
	US 20050151562 A1	Apparatus and method for bus signal termination compensation during detected quiet cycle	20050714	326/30	
	US 20050120012 A1	Adaptive hierarchy usage monitoring HVAC control system	20050602	707/3	

US 20050108667 A1	METHOD FOR DESIGNING AN INTEGRATED CIRCUIT HAVING MULTIPLE VOLTAGE DOMAINS	20050519 716/4
US 20050108039 A1	Semiconductor intellectual property technology transfer method and system	20050519 705/1
US 20050102125 A1	Inter-chip communication system	20050512 703/14
US 20050097551 A1	Multi-threaded virtual state mechanism	20050505 718/1
US 20050086565 A1	System and method for generating a test case	20050421 714/741
US 20050081113 A1	Method and apparatus for analyzing digital circuits	20050414 714/39
US 20050071145 A1	Simulation apparatus, simulation program, and recording medium	20050331 703/19
US 20050034088 A1	Method and apparatus for mapping platform-based design to multiple foundry processes	20050210 716/4
US 20050034087 A1	Method and apparatus for mapping platform-based design to multiple foundry processes	20050210 716/3
US 20050034086 A1	Method and apparatus for mapping platform-based design to multiple foundry processes	20050210 716/3
US 20050027891 A1	Integrated circuit with a scalable high-bandwidth architecture	20050203 709/253
US 20050023656 A1	Vertical system integration	20050203 257/678
US 20050021986 A1	Apparatus and method for memory encryption with reduced decryption latency	20050127 713/193
US 20040268050 A1	Apparatus and method for an adaptive multiple line prefetcher	20041230 711/137
US 20040267996 A1	Queued locks using monitor-memory wait	20041230 710/200
US 20040260993 A1	Method, system, and program for simulating Input/Output (I/O) requests to test a system	20041223 714/743
US 20040259564 A1	Optimal load-based wireless session context transfer	20041223 455/453
US 20040252701 A1	Systems, processes and integrated circuits for rate and/or diversity adaptation for packet comms	20041216 370/395.21
US 20040250150 A1	Devices, systems and methods for mode driven stops notice	20041209 713/330
US 20040236876 A1	Apparatus and method of memory access control for bus masters	20041225 710/22
US 20040236564 A1	Simulation of a PCI device's memory-mapped I/O registers	20041125 703/25
US 20040216076 A1	METHOD, SYSTEM AND PROGRAM PRODUCT FOR UTILIZING A CONFIGURATION DATA	20041028 716/18
US 20040215441 A1	Applying constraints to block diagram models	20041028 703/22
US 20040215434 A1	Method, system and program product for configuring a simulation model of a digital design	20041028 703/15
US 20040199878 A1	Method and apparatus for automated synthesis of multi-channel circuits	20041007 716/1
US 20040193957 A1	Emulation devices, systems and methods utilizing state machines	20040930 714/30
US 20040193394 A1	Method for CPU simulation using virtual machine extensions	20040930 703/22
US 20040168137 A1	Use of time step information in a design verification system	20040826 716/5
US 20040158788 A1	Method for functional verification of an integrated circuit model in order to create a verification framework	20040812 714/741
US 20040128563 A1	Mechanism for processor power state aware distribution of lowest priority interrupt	20040701 713/300
US 20040128416 A1	Apparatus and method for bus signal termination compensation during detected quiet cycle	20040701 710/107
US 20040124874 A1	Apparatus and methods for designing integrated circuits	20040701 326/30
US 20040117756 A1	Methods and apparatuses for remote computers	20040617 716/18
US 20040117671 A1	Apparatus and method for address bus power control	20040617 713/300
US 20040117670 A1	Apparatus and method for data bus power control	20040617 713/300
US 20040103330 A1	Adjusting voltage supplied to a processor in response to clock frequency	20040527 713/322
US 20040083475 A1	Distribution of operations to remote computers	20040429 718/102
US 20040064814 A1	System and method for task arbitration in multi-threaded simulations	20040401 718/100
US 20040044510 A1	Fast simulation of circuitry having soi transistors	20040304 703/14
US 20040024578 A1	Discrete event simulation system and method	20040205 703/17
US 20040015808 A1	System and method for providing defect printability analysis of photolithographic masks with joi	20040122 716/19
US 2004006454 A1	System and method for modeling digital systems having queue-like operating characteristics	20040108 703/16
US 20030229483 A1	Causality based event driven timing analysis engine	20031211 703/19

US 20030225556 A1	Apparatus and method for connecting hardware to a circuit simulation	20031204 703/14
US 20030217343 A1	Manufacturing method and apparatus to avoid prototype-hold in ASIC/SOC manufacturing	20031120 716/4
US 20030212964 A1	Apparatus for optimized constraint characterization with degradation options and associated methods	20031113 716/1
US 20030208488 A1	System and method for organizing, compressing and structuring data for data mining readiness:	20031106 707/6
US 20030204389 A1	Method for numerically simulating an electrical circuit	20031030 703/19
US 20030200425 A1	Devices, systems and methods for mode driven stops	20031023 712/229
US 20030196144 A1	Processor condition sensing circuits, systems and methods	20031016 714/34
US 20030185302 A1	Method and apparatus for detecting and decomposing component loops in a logic design	20031002 717/160
US 20030185299 A1	Method and apparatus for simulation system compiler	20031002 717/141
US 20030187853 A1	Distributed data storage system and method	20031002 707/10
US 20030149954 A1	Methods and apparatuses for designing integrated circuits	20030807 716/18
US 20030130833 A1	Reconfigurable, virtual processing system, cluster, network and method	20030731 703/23
US 20030130832 A1	Virtual networking system and method in a processing system	20030710 703/23
US 20030126454 A1	Authenticated code method and apparatus	20030703 713/193
US 20030126453 A1	Processor supporting execution of an authenticated code instruction	20030703 713/193
US 20030126442 A1	Authenticated code module	20030703 713/170
US 20030126416 A1	Suspending execution of a thread in a multi-threaded processor	20030703 712/235
US 20030126379 A1	Instruction sequences for suspending execution of a thread until a specified memory access occurs	20030703 711/150
US 20030126375 A1	Coherency techniques for suspending execution of a thread until a specified memory access occurs	20030703 711/145
US 20030126186 A1	Method and apparatus for suspending execution of a thread until a specified memory access occurs	20030703 718/107
US 20030126059 A1	Intellectual property (IP) brokering system and method	20030703 705/36
US 20030125913 A1	Linear time invariant system simulation with iterative model	20030703 703/2
US 20030125907 A1	Monitor, system and method for monitoring performance of a scheduler	20030703 702/186
US 20030115569 A1	Method and system for optical proximity correction	20030619 716/19
US 200301040 A1	Hardware simulation using a test scenario manager	20030529 703/17
US 20030093569 A1	Synchronization of distributed simulation nodes by keeping timestep schedulers in lockstep	20030515 709/248
US 20030093257 A1	Distributed simulation system having phases of a timestep	20030515 703/14
US 20030093256 A1	Verification simulator agnosticity	20030515 703/14
US 20030093254 A1	Distributed simulation system which is agnostic to internal node configuration	20030515 703/13
US 20030093253 A1	Grammar for message passing in a distributed simulation environment	20030515 703/13
US 20030093256 A1	Methods and apparatuses for designing integrated circuits	20030424 716/8
US 20030079093 A1	Server system operation control method	20030424 711/147
US 20030061580 A1	Simulation method and compiler for hardware/software programming	20030327 716/4
US 20030037305 A1	Method and apparatus for evaluating logic states of design nodes for cycle-based simulation	20030220 716/4
US 20030036894 A1	Method and apparatus for amortizing critical path computations	20030220 703/19
US 20030009467 A1	System and method for organizing, compressing and structuring data for data mining readiness:	20030109 707/100
US 20020194572 A1	Methods and apparatuses for designing integrated circuits	20021219 716/1
US 20020183054 A1	Mobile system testing architecture	20021205 455/423
US 20020156613 A1	Service clusters and method in a processing system with failover capability	20021024 703/23
US 20020152060 A1	Address resolution protocol system and method in a virtual network	20021017 703/17
US 20020147875 A1	Response and data phases in a highly pipelined bus architecture	20021010 710/305

US 20020144214 A1	Apparatus for optimized constraint characterization with degradation options and associated methods for performing automatic rejuvenation at the optimal time based on work I	20021003 716/2
US 20020144183 A1	Microprocessor design support for computer system and platform validation	20021003 714/37
US 20020143516 A1	Apparatus and methods for constraint characterization with degradation options	20021003 703/19
US 20020135611 A1	Remote performance management to accelerate distributed processes	20020926 715/738
US 20020124217 A1	Testing apparatus and testing method for an integrated circuit, and integrated circuit	20020905 714/726
US 20020124085 A1	Method of simulating operation of logical unit, and computer-readable recording medium retain	20020905 709/226
US 20020101824 A1	System and method for connecting a logic circuit simulation to a network	20020801 370/241
US 20020098455 A1	Programmable controller	20020725 700/83
US 20020087913 A1	System and method for performing automatic rejuvenation at the optimal time based on work I	20020704 714/15
US 20020073375 A1	Method and apparatus for test generation during circuit design	20020613 714/739
US 20020052725 A1	Distributed simulation	20020502 703/22
US 20020049576 A1	Digital and analog mixed signal simulation using PLI API	20020425 703/14
US 20020042704 A1	Apparatus and methods for characterizing electronic circuits having multiple power supplies	20020411 703/14
US 20020022971 A1	Software rental system, software rental method, and computer program for being executed on devices, systems and methods for mode driven stops	20020221 705/1
US 20020013918 A1	Method and apparatus for debugging programs in a distributed environment	20020131 714/30
US 20010056341 A1	Snoop phase in a highly pipelined bus architecture	20011227 703/22
US 20010037424 A1	Enhanced highly pipelined bus architecture	20011101 710/220
US 20010037421 A1	TIME-DOMAIN CIRCUIT MODELLER	20011101 710/305
US 20010027386 A1	Apparatus and method of memory access control for bus masters	20050726 710/22
US 69227740 B2	Detecting events within simulation models	20050719 703/17
US 6920418 B2	Integrated circuit configuration	20050712 716/18
US 6918103 B2	Facilitating guidance provision for an architectural exploration based design creation process	20050712 703/14
US 6917909 B1	Automatic phase lock loop design using geometric programming	20050621 331/8
US 6909330 B2	Enhanced highly pipelined bus architecture	20050614 710/305
US 6907487 B2	Replay instruction morphing	20050412 712/227
US 6880069 B1	Snoop phase in a highly pipelined bus architecture	20050412 710/305
US 6880031 B2	Synchronization of hardware simulation processes	20050412 703/14
US 6879948 B1	Apparatus and method for bus signal termination compensation during detected quiet cycle	20050111 326/30
US 6842035 B2	Server system operation control method	20041214 711/147
US 6832298 B2	Method, system and program product for utilizing a configuration database to configure a hard	20041130 716/1
US 6826732 B2	System and method for performing automatic rejuvenation at the optimal time based on work I	20041116 714/15
US 6820215 B2	Optimal load-based wireless session context transfer	20041109 455/453
US 6816732 B1	Memory mapping system and method	20041026 710/22
US 6810442 B1	System and method for simulation of an integrated circuit design using a hierarchical input netlist	20041019 703/14
US 6807520 B1	Response and data phases in a highly pipelined bus architecture	20041012 710/112
US 6804735 B2	Emulation system with multiple asynchronous clocks	20040831 716/4
US 6785873 B1	Method and apparatus for generation of pipeline hazard test sequences	20040803 714/33
US 6772370 B1	Multithreaded layered-code processor	20040727 718/102
US 6769122 B1	Process of operating a processor with domains and clocks	20040706 714/34
US 6760866 B2	Multi-board connection system for use in electronic design automation	20040622 710/317
US 6754763 B2	Method and apparatus for pipeline hazard detection	20040615 714/55
US 6751759 B1	Integrated circuit with emulation register in JTAG JAP	20040309 714/726

<b>US 6668364 B2</b>	Methods and apparatuses for designing integrated circuits	20031223 716/7
<b>US 6651225 B1</b>	Dynamic evaluation logic system and method	20031118 716/4
<b>US 6651038 B1</b>	Architecture for simulation testbench control	20031118 703/27
<b>US 6606734 B2</b>	Simulation method and compiler for hardware/software programming	20030812 716/4
<b>US 6584598 B2</b>	Apparatus for optimized constraint characterization with degradation options and associated methods	20030624 716/2
<b>US 6581019 B1</b>	Computer-system-on-a-chip with test-mode addressing of normally off-bus input/output ports	20030617 702/120
<b>US 6549881 B1</b>	Interface for interfacing simulation tests written in a high-level programming language to a stimulus	20030415 703/21
<b>US 6546505 B1</b>	Processor condition sensing circuits, systems and methods	20030408 714/30
<b>US 6542483 B1</b>	Method and an apparatus for forward power control in spread spectrum communications	20030401 370/332
<b>US 6539497 B2</b>	IC with selectively applied functional and test clocks	20030325 714/30
<b>US 6530065 B1</b>	Client-server simulator, such as an electrical circuit simulator provided by a web server over the Internet	20030304 716/4
<b>US 6530054 B2</b>	Method and apparatus for test generation during circuit design	20030304 714/739
<b>US 6522985 B1</b>	Emulation devices, systems and methods utilizing state machines	20030218 702/117
<b>US 6519754 B1</b>	Methods and apparatuses for designing integrated circuits	20030211 716/18
<b>US 6498999 B1</b>	Method and apparatus for design verification of an integrated circuit using a simulation test bench	20021224 702/120
<b>US 6490642 B1</b>	Locked read/write on separate address/data bus using write barrier	20021203 710/110
<b>US 6470482 B1</b>	METHOD AND SYSTEM FOR CREATING, DERIVING AND VALIDATING STRUCTURAL DESIGN INFORMATION	20021022 716/6
<b>US 6466698 B1</b>	Multithreaded, mixed hardware description languages logic simulation on engineering workstation	20021015 703/17
<b>US 6460167 B1</b>	Efficient system for multi-level shape interactions	20021001 716/4
<b>US 6449578 B1</b>	Method and apparatus for determining the RC delays of a network of an integrated circuit	20020910 702/119
<b>US 6438735 B1</b>	Methods and apparatuses for designing integrated circuits	20020820 716/7
<b>US 6421251 B1</b>	Array board interconnect system and method	20020716 361/788
<b>US 6389498 B1</b>	Microprocessor having addressable communication port	20020514 710/268
<b>US 6389379 B1</b>	Converification system and method	20020514 703/14
<b>US 6370679 B1</b>	Data hierarchy layout correction and verification method and apparatus	20020409 716/19
<b>US 6349392 B1</b>	Devices, systems and methods for mode driven stops	20020219 714/30
<b>US 6347388 B1</b>	Method and apparatus for test generation during circuit design	20020212 714/739
<b>US 6345242 B1</b>	Synchronization mechanism for distributed hardware simulation	20020205 703/22
<b>US 6321366 B1</b>	Timing-insensitive glitch-free logic system and method	20011120 716/6
<b>US 6314552 B1</b>	Electronic design creation through architectural exploration	20011106 716/18
<b>US 6314389 B1</b>	Time-domain circuit modeller	20011106 703/14
<b>US 6305006 B1</b>	Generating candidate architectures for an architectural exploration based electronic design creation	20011016 716/18
<b>US 6292764 B1</b>	Tunable architecture for device adapter	20010918 703/14
<b>US 6263484 B1</b>	Prototyping system and a method of operating the same	20010717 716/18
<b>US 6263303 B1</b>	Simulator architecture	20010717 703/19
<b>US 6216252 B1</b>	Method and system for creating, validating, and scaling structural description of electronic devices	20010410 716/1
<b>US 6212667 B1</b>	Integrated circuit test coverage evaluation and adjustment mechanism and method	20010403 716/6
<b>US 6212493 B1</b>	Profile directed simulation used to target time-critical crossproducts during random vector testing	20010403 703/22
<b>US 6182258 B1</b>	Method and apparatus for test generation during circuit design	20010130 714/739
<b>US 6165992 B1</b>	Search engine for remote access to database management systems	20010102 707/103R
<b>US 6154719 A</b>	Logic simulation system and method	20001128 703/13
<b>US 6134516 A</b>	Simulation server system and method	20001017 703/27
<b>US 6117182 A</b>	Optimum buffer placement for noise avoidance	20000912 716/8

US 6117181 A	Synchronization mechanism for distributed hardware simulation	200000912 703/22
US 6085336 A	Data processing devices, systems and methods with mode driven stops	20000704 714/30
US 6077304 A	Verification system for simulator	20000620 703/14
US 6047387 A	Simulation system for testing and displaying integrated circuit's data transmission function of processor condition sensing circuits, systems and methods	20000404 714/33
US 6032268 A	Processor condition sensing circuits, systems and methods	20000229 714/30
US 6026230 A	Memory simulation system and method	20000215 703/13
US 6014512 A	Method and apparatus for simulation of a multi-processor circuit	20000111 703/27
US 6009256 A	Simulation/emulation system and method	19991228 703/13
US 5966537 A	Method and apparatus for dynamically optimizing an executable computer program using input	19991012 717/158
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US 5907698 A	Method and apparatus for characterizing static and dynamic operation of an architectural system	19990525 716/6
US 5905883 A	Verification system for circuit simulator	19990518 703/17
US 5878246 A	System for linking an interposition module between two modules to provide compatibility as needed	19990302 703/27
US 5867689 A	Method and apparatus for emulating a digital cross-connect switch network using a flexible top	19990202 703/23
US 5867399 A	System and method for creating and validating structural description of electronic system from	19990202 716/18
US 5850536 A	Method and system for simulated multi-tasking	19981215 703/21
US 5848236 A	Object-oriented development framework for distributed hardware simulation	19981208 714/33
US 5841670 A	Emulation devices, systems and methods with distributed control of clock domains	19981124 703/23
US 5812826 A	Method and apparatus for emulating a network of state monitoring devices	19980922 703/27
US 5812824 A	Method and system for preventing device access collision in a distributed simulation executing in parallel	19980922 703/14
US 5809286 A	Method and apparatus for emulating a dynamically configured digital cross-connect switch network	19980915 703/23
US 5805792 A	Emulation devices, systems, and methods	19980908 714/28
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US 5764948 A	Method and apparatus for determining a composition of an integrated circuit	19980609 716/17
US 5748617 A	Method and apparatus for emulating a digital cross-connect switch network	19980505 370/244
US 5737583 A	Digital circuit simulation	19980407 703/14
US 5732247 A	Interface for interfacing simulation tests written in a high-level programming language to a simulator	19980324 703/13
US 5701439 A	Combined discrete-event and continuous model simulation and analysis tool	19971223 703/17
US 5648910 A	Method of automatically optimizing power supply network for semi-custom made integrated circuit	19970715 716/2
US 5623418 A	System and method for creating and validating structural description of electronic system	19970422 716/1
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US 5577213 A	Multi-device adapter card for computer	19961119 710/100
US 5555201 A	Method and system for creating and validating low level description of electronic design from high level description	19960910 716/1
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US 5546562 A	Method and apparatus to emulate VLSI circuits within a logic simulator	19960813 703/14
US 5544342 A	System and method for prefetching information in a processing system	19960806 711/119
US 5544067 A	Method and system for creating, deriving and validating structural description of electronic system	19960806 703/14
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US 5490096 A	Visual simulation apparatus	19960206 703/13
US 5437037 A	Simulation using compiled function description language	19950725 717/146

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US 5371851 A	Graphical data base editor	19941206 345/501
US 5329471 A	Emulation devices, systems and methods utilizing state machines	19940712 703/23
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US 5146460 A	Logic simulation using a hardware accelerator together with an automated error event isolation	19920908 714/33
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US 5050069 A	Method and apparatus for simulating m-dimension connection networks in an n-dimension net	19910917 703/13
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